# WEST 1.0

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## Document Number 1

Entry 1 of 1          File:DERWENT                     June 21, 1999

DERWENT-ACC-NO:  1985-116758

DERWENT-WEEK:  198520

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TITLE:
Deep water rig platform driven pile - has surrounding telescopic tubes, with
filled intervening cavities and support connection via guide rings

INVENTOR:BREUER, B; ISENBERG, W

PATENT-ASSIGNEE: HOCHTIEF AG[HOCG],  MAN MASCHFAB AUGSBURG-NUERNBERG[MAUG]

PRIORITY-DATA: 1983DE-3338135 (October 20, 1983)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---|---|---|---|---|
| DE 3338135 A | May 9, 1985 | N/A | 008 | N/A |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|---|---|---|---|
| DE 3338135A | N/A | 1983DE-3338135 | October 20, 1983 |

IPC:  E02B017/00;  E02D005/52

ABSTRACTED-PUB-NO:DE 3338135A
BASIC-ABSTRACT:A pile (5) is concentrically enclosed by telescopic tubes
(7).  The cavities (10) between pile and tubes are sealable by inflatable
hose seals, or other sealing agents (8a,8b) at both ends of the tubes.  With
the tubes unfolded the cavities are filled with a cast substance.  An outer
tube is connected with a supportive structure (1), at its top and bottom
ends, via two or more guiding rings (2,3).  ADVANTAGE - Pile driving can be
accomplished in a soft base, into load bearing strata at greath depths under
the sea bed, with adequate transverse rigidity ensured.

CHOSEN-DRAWING:Dwg.1/3

TITLE-TERMS:
DEEP WATER RIG PLATFORM DRIVE PILE SURROUND TELESCOPE TUBE FILLED
INTERVENING CAVITY SUPPORT CONNECT GUIDE RING

DERWENT-CLASS:  H01 Q42

CPI-CODES: H01-B01;

SECONDARY-ACC-NO:
CPI Secondary Accession Numbers:C1985-050537

CPI Secondary Accession Numbers:C1985-050537
Non-CPI Secondary Accession Numbers:N1985-087759

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